



Earth to Sky Partnership

connecting the wonders of science
with the power of place

<http://www.earthtosky.org>



- Unique Inter-Agency Partnership
- Professional Development for Informal and Environmental Educators
- Community of Practice
- Engagement with the Public



The connection between NASA's big picture, global perspective and place-based experiences provides powerful opportunities for meaningful learning.

Activities

- Face-to-face courses, distance-learning, conferences
- Hosted 80+ NASA scientist presenters
- Over 100 NASA science sessions
- Over 700 informal educators trained
- Website <http://www.earthtosky.org>
- Listserv (450+ members)
- Shared the ETS training model

contact: Anita.L.Davis@nasa.gov



Results

Over 4 million visitors to National Parks and Wildlife Refuges Reached



INVESTIGATING
**GLOBAL
CONNECTIONS**



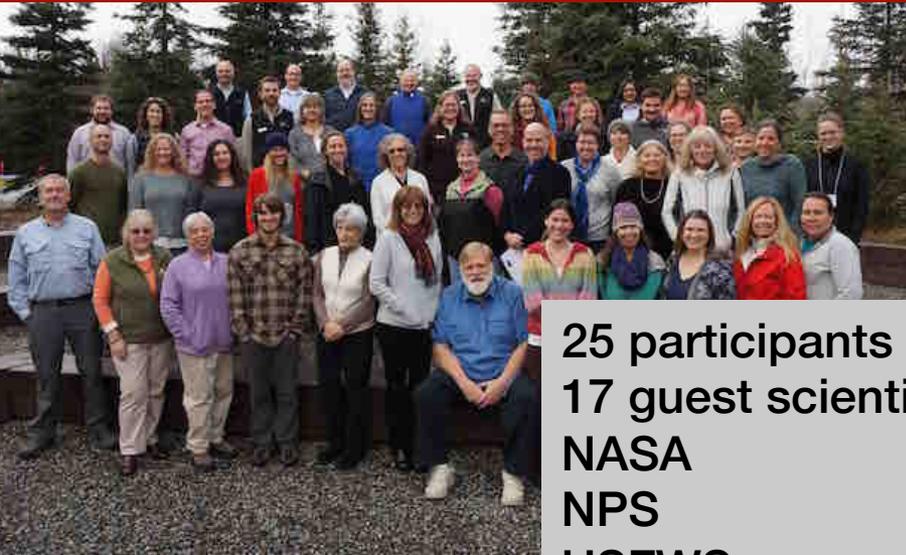
Craters of the Moon
Connections to the Moon, Mars, and Beyond



Montana PAUL NASA

Earth to Sky in Alaska

October 2015 – returning Fall 2016



25 participants
17 guest scientists
NASA
NPS
USFWS
9 other agencies, university programs,
and community organizations



NASA's Earth Expeditions

One of NASA's 2016 Earth Science communication goals is to tell stories – through features, TV, and multimedia – about how field campaigns, along with satellite data, help us understand our home planet.

NASA Earth page on Facebook has +8 million followers

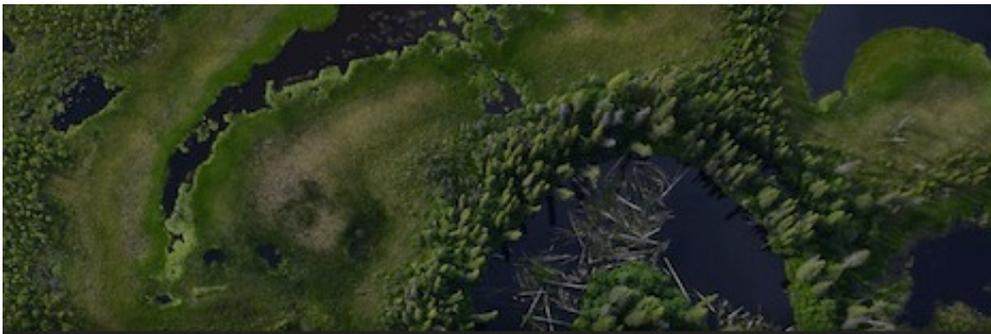
ABOVE will be one of eight campaigns featured – but we need your help!

If you or your colleagues are interested in:

- Photography**
- Blogging**
- Shooting video snippets**

Contact Kate Ramsayer at

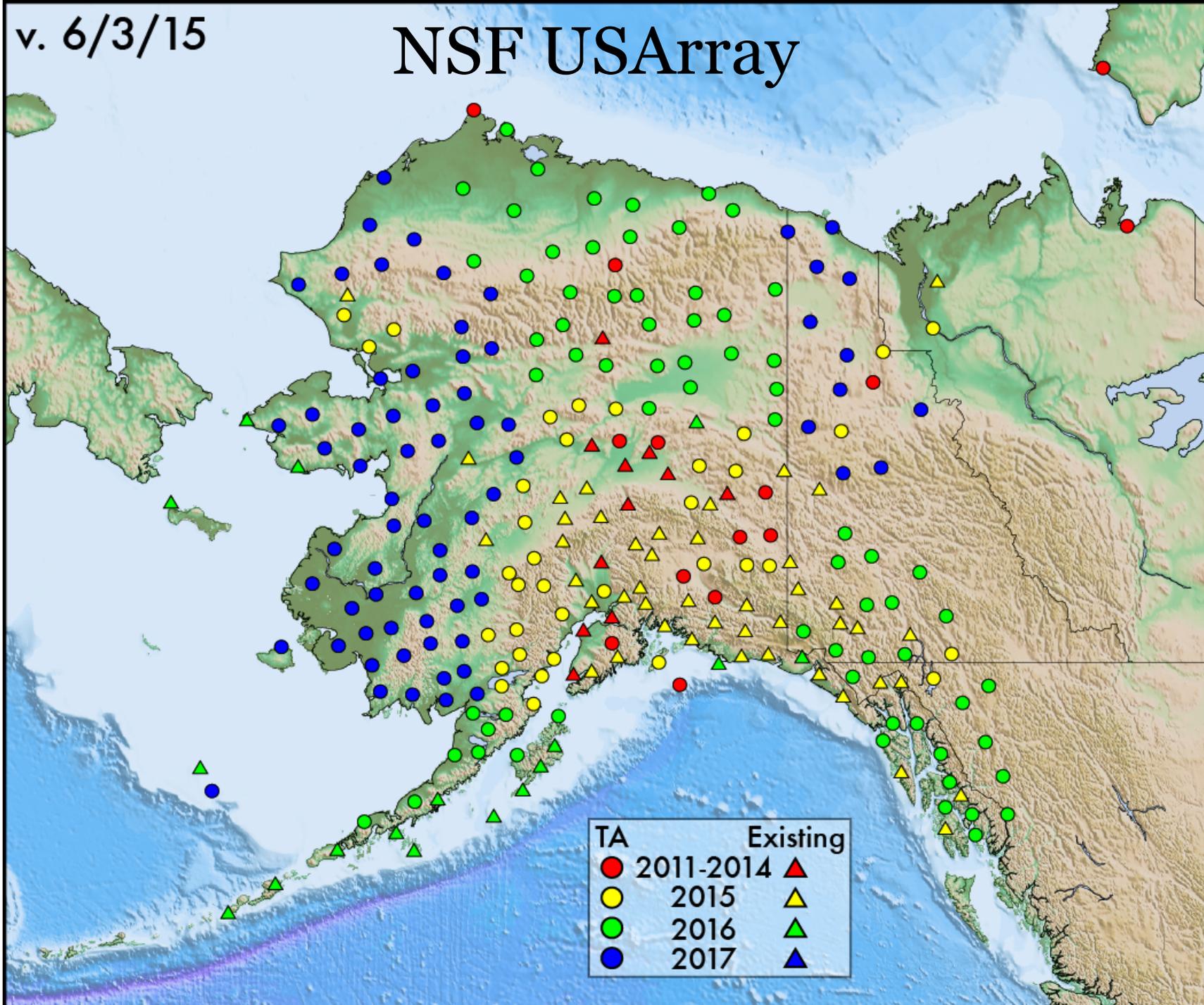
kate.d.ramsayer@nasa.gov, or (301)286-1742



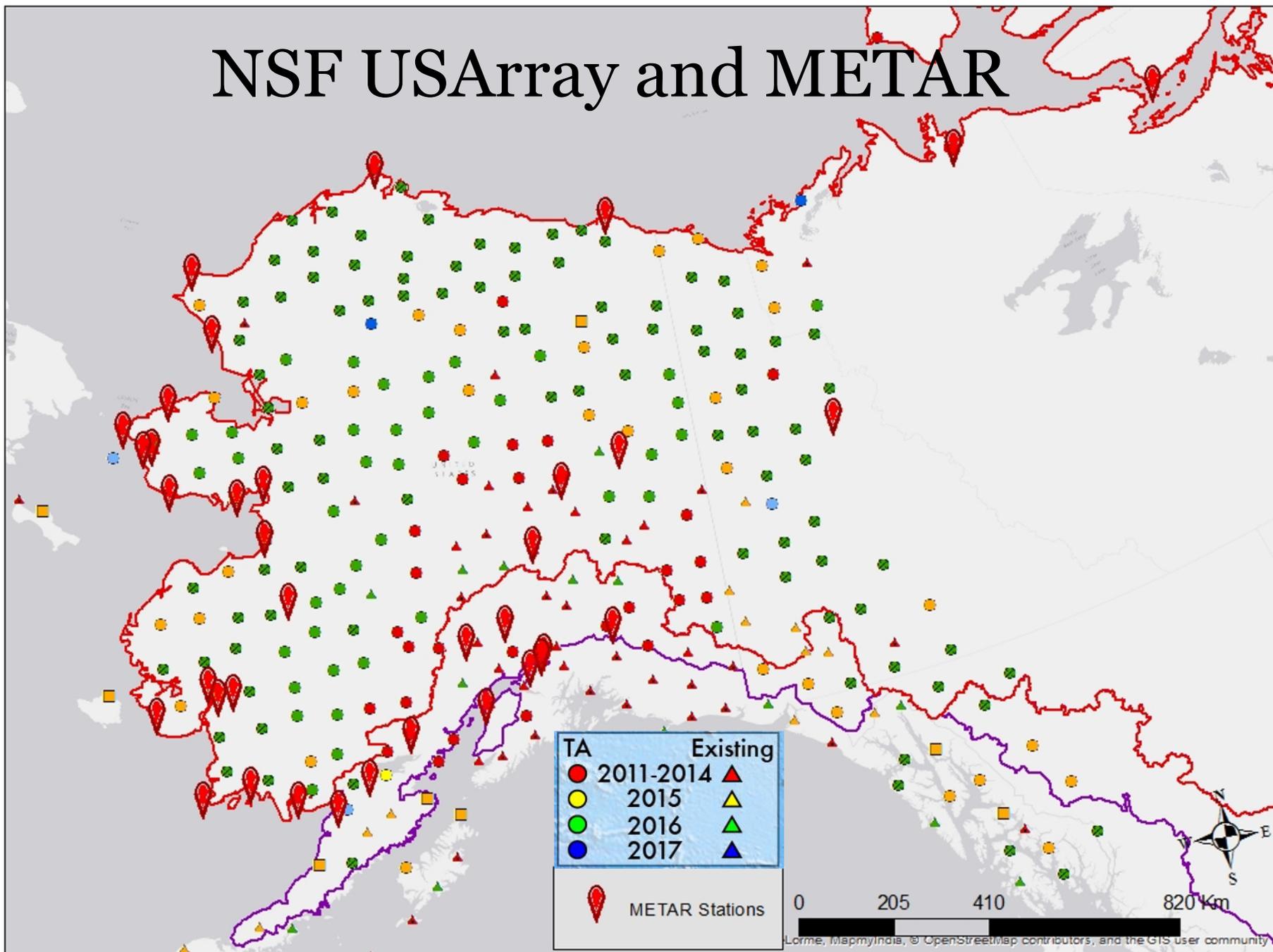
The screenshot shows the NASA Earth Observatory website. The header includes the NASA logo, the text "EARTH OBSERVATORY" with the tagline "Where every day is Earth Day", and navigation links for "Home", "Images", and "Global Maps". Below the header is a breadcrumb trail: "Home / Blogs / Notes from the Field / G-LiHT | Connecting the Dots". The main content area features a blog post titled "G-LiHT | Connecting the Dots" dated "July 22nd, 2014 by Kathryn Hansen". The post includes a group photo of the USFS Forest Inventory & Analysis (FIA) crew in orange jumpsuits standing in front of a helicopter. Below the photo is a caption: "The USFS Forest Inventory & Analysis (FIA) crew before departing Delta Junction by helicopter to sample a remote field plot. Front Row: Katie Rigby, Misha Yatskov, Dan Irvine, Ashley Lehman; 2nd Row: Ken Winterberger, Chad Okrop, Eric Straley, Seth Ayotte, Brendt Mueller, Michelle Hansen, Warren Childe, Ray Koleser; and 3rd Row: Pilot Josh Toal, Matt O'Driscoll, Warren Childe." At the bottom of the screenshot, there is a paragraph: "The Alaska G-LiHT Campaign is a partnership between scientists and NASA and the U.S. Forest Service (USFS). The design for the research is to".

v. 6/3/15

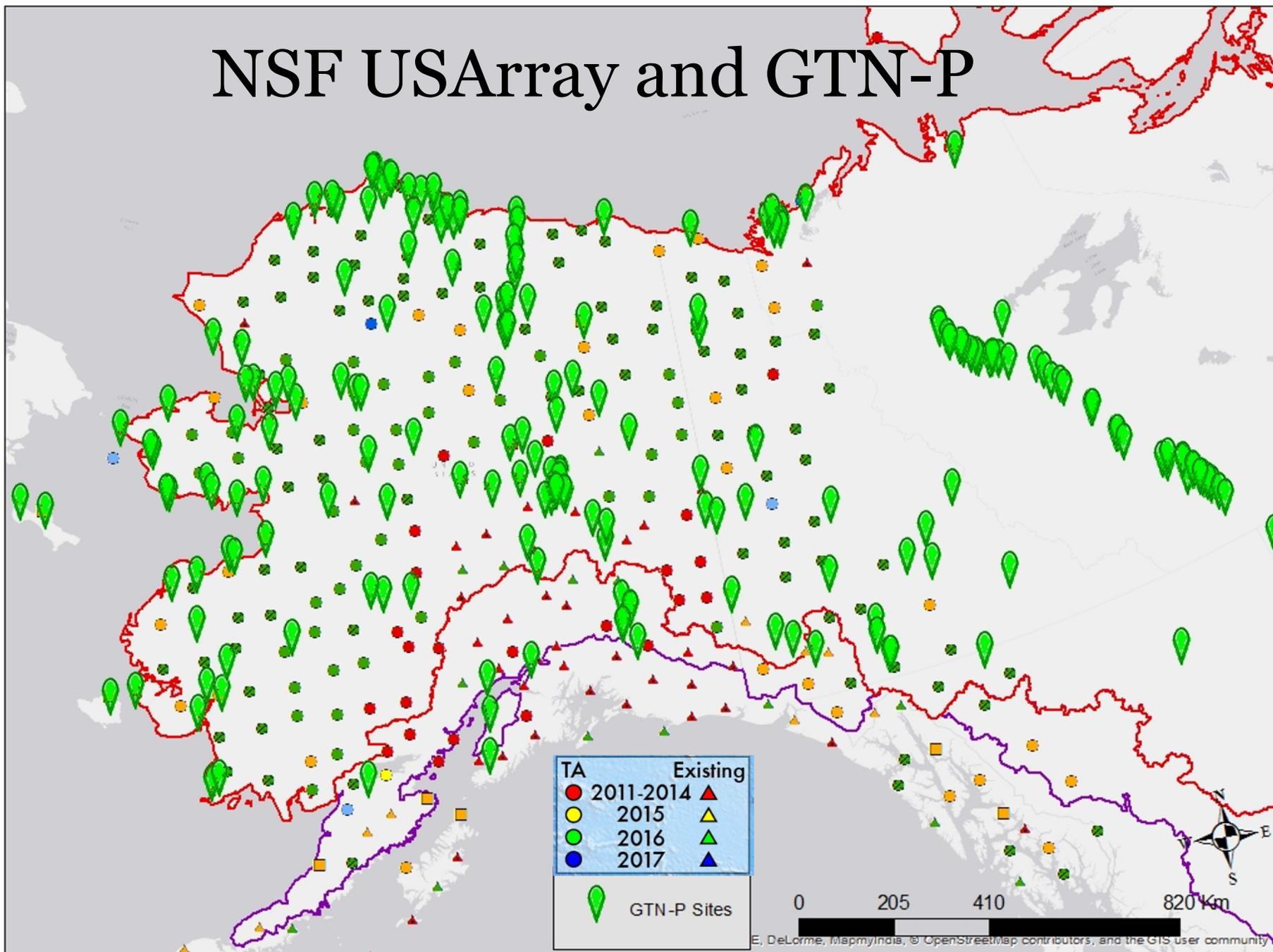
NSF USArray



NSF USArray and METAR



NSF USArray and GTN-P



Next steps

- NOAA presenting to IARPC in March
- Notify DOE and NASA IARPC principals
- Contact Polar Knowledge Canada
- DOE analysis (Peter Thornton)
- ABoVE analysis (Fisher, Munger, others?)

Long-tail data during ABoVE

- Engage existing communities of practice whenever possible
- Use ORNL DAAC best practices to develop new workflows



Data Policy